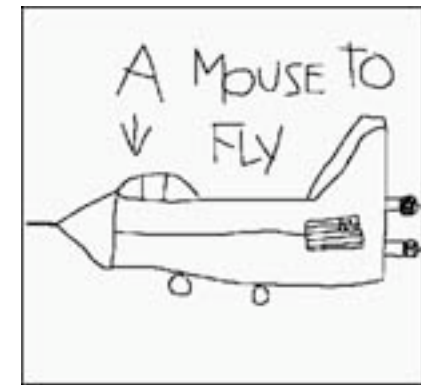


Pediatric Care Center of the Future

Healthcare IT Challenges and Opportunities



Ellen Yi-Luen Do
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Electronic Medical Record

Nuesoft Xpress by Nuesoft Technologies 3.05

Options Setup Modules Support

Home Patient Ticket Appts Live Help Exit EMR Appts

Patient

Find Patient: Jones, Allen 1 SSN: 000-01-1111 Chart No: 135131 Other ID: 96855561234
Not Compliant - 26 years old Male (06/02/1980) Home: (404) 351-5052

Patient History Proc/Diag History Appointment History Clinical Notes Vitals SOAP

SOAP No: 100 Ticket No: 428 Appointment / DOS: 07/25/2006 9:45 AM Billing Provider: Jacobson MD Status: In Progress

headache, cold symptoms

Subjective Group: [All] Template: Upper Respiratory Add
» Upper Respiratory

Objective Group: Pt info Template: pain Hx Add

Assessment 1. 465.9 2.

Plan

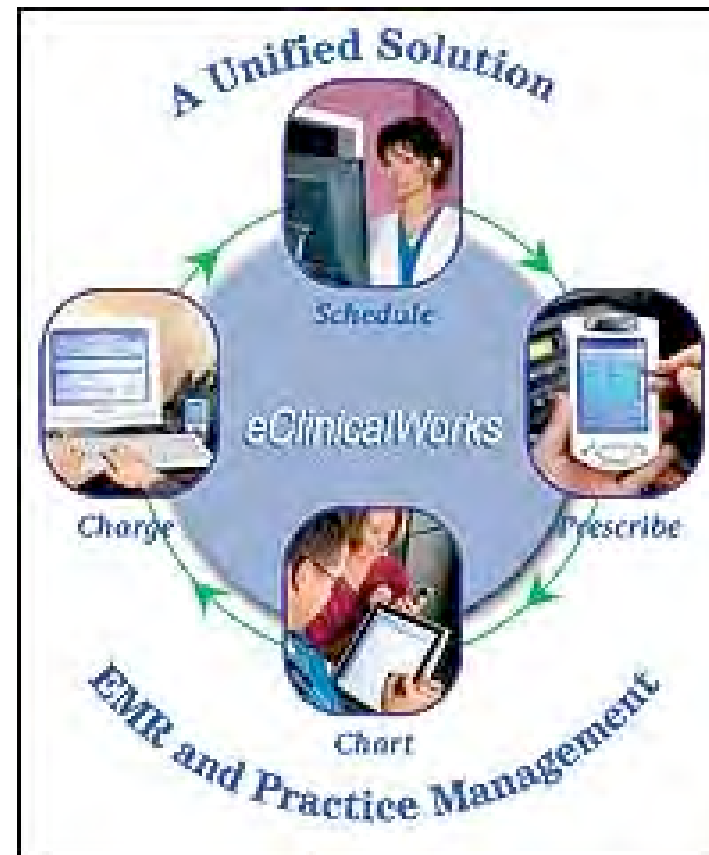
	Units	Code	CPT	Provider	1	2	3	4	Diag	Facility	Mod 1	Mod 2	DOS	
1	1	Ibuprophen		James RN	1	2	3	4	465.9	Health Center			7/25/2006	
10	10	Zinc Gluconate	84630	Jacobson MD	1	2	3	4	465.9	Health Center			7/25/2006	
5	5	Vitamin C	82180	Jacobson MD	1	2	3	4	465.9	Health Center			7/25/2006	

Back Save Find New View Lock Ticket Print

Electronic Medical Record



© 2001 Rob Heffernan



Infrastructure

Security vs Access Balancing Act
Grady System + CHOA Management

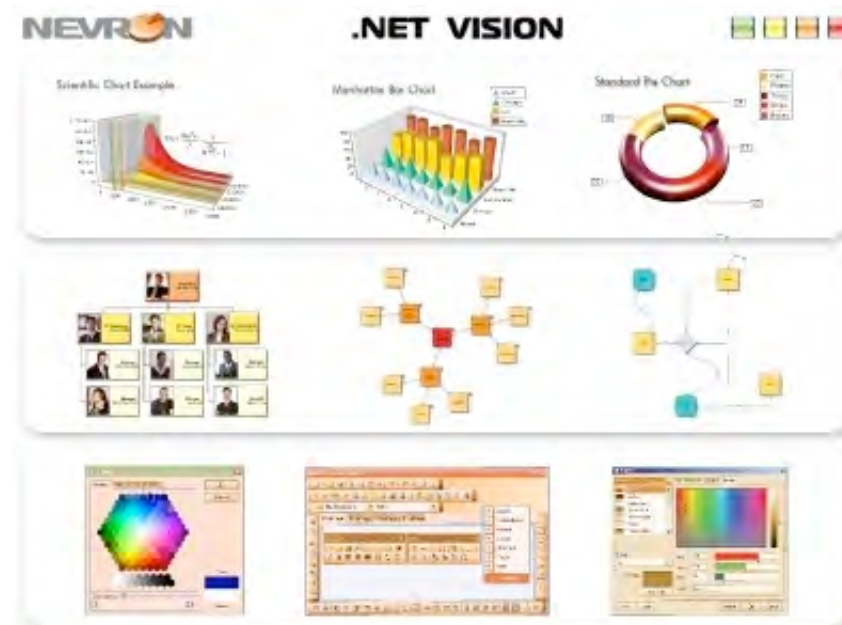
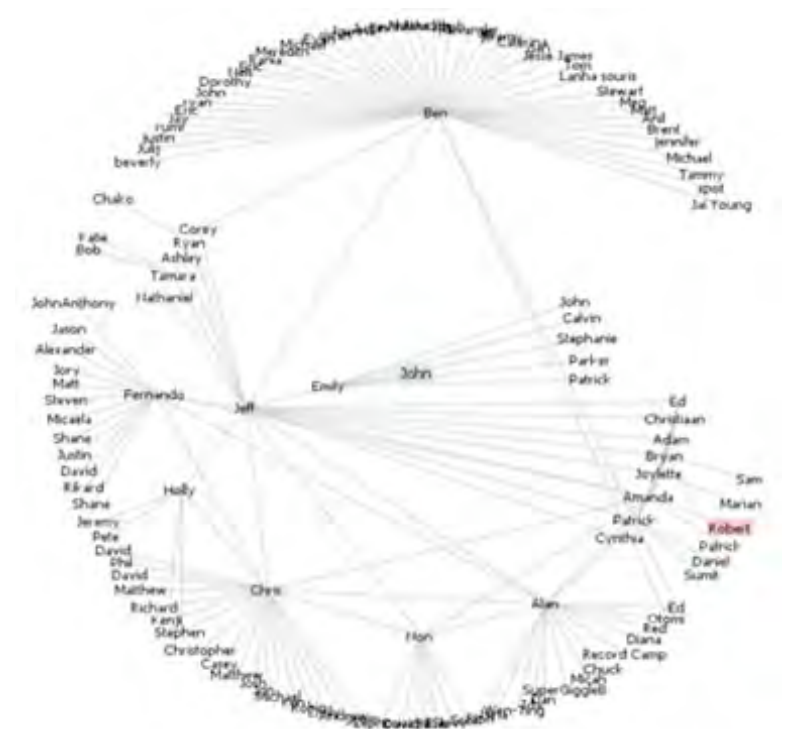
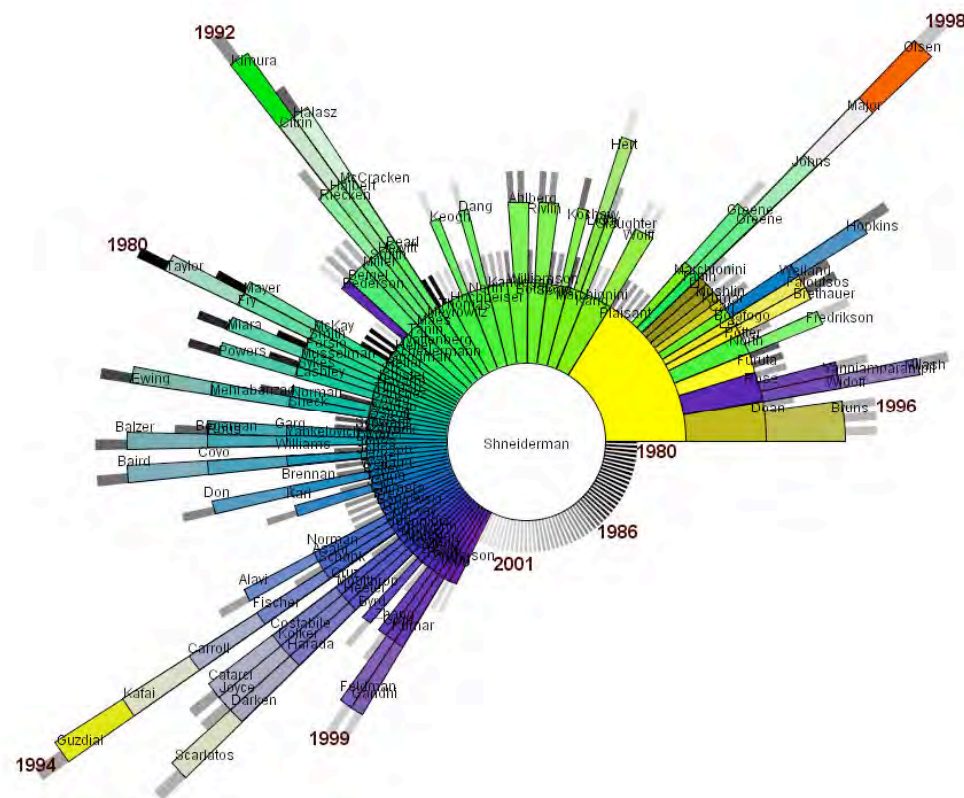
Wireless Network
Client Application
Parents Access



Information Visualization

Information Overload

Vita Sign, Infusion rate, etc



COW - Computer on Wheels

Order Entry
Documentation
Authentication



Interactive Donor Walls

Visual Display



Interactive Donor Walls



Patient Distraction Technology

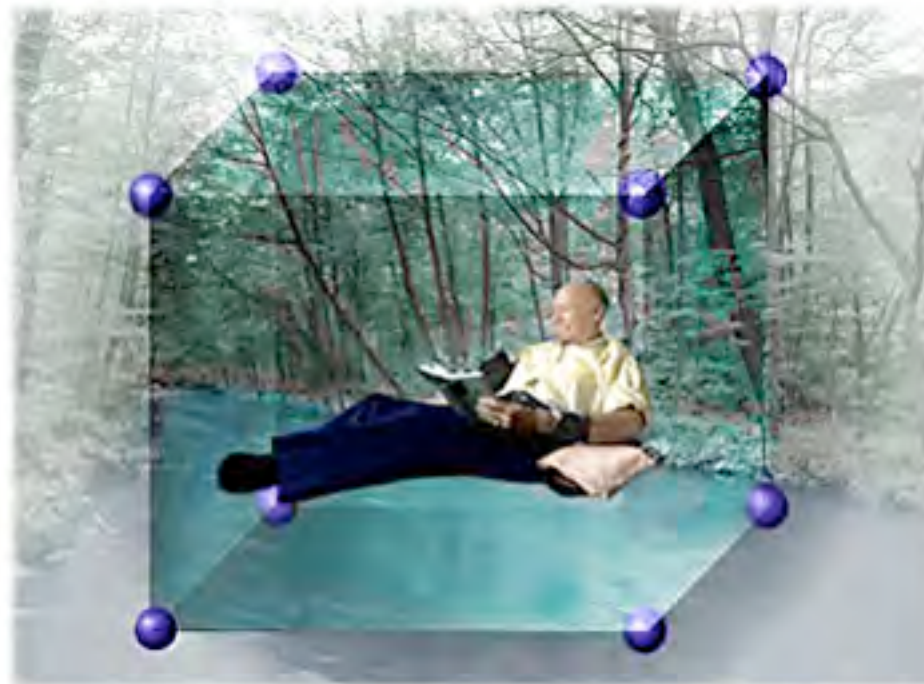
X Box

Virtual Play Ground

Education Entertainment



"It's the only way I can get the kids to take notice!"



Octaphonic Sound is a new technology that combines music and nature in a surround sound.



Patient Distraction Technology



Care Pages



<http://www.choa.org/default.aspx?id=194>



[Share Your Story or Nominate a Story](#)
[Back to Pediatric Cancer Home](#)

Stories of Inspiration

Brendan - Leukemia

Brendan May and his mother Theresa Munson: The Second Time Around
By Jessica Ashley

The first time Theresa Munson was told her son had leukemia, she was startled.

It was October 2001 and 12-year old Brendan was sick. He felt rundown and looked pale. At what she assumed would be an ordinary sick appointment, doctors ran blood tests, confirmed that Brendan had cancer and admitted him for a ten-day hospital stay that would immediately begin a 3-1/2 year course of treatment.

Within hours, their lives took a new direction. Without the chance to hesitate, they set off, doing what they had to do to get through the illness.

But the second time Theresa Munson was told her son had leukemia, she was devastated. He didn't show any signs that the cancer they worked so hard to eradicate had once again taken residence in her son's body.

"We'd just taken a trip to Hawaii," Theresa recalls, citing pictures of her son smiling on the beach. "He was fine. He wasn't sick like last time. We just went for a regular doctor's appointment and were told he'd relapsed. It was much more devastating."



CarePage At A Glance

Patient Name:

Brendan

Diagnosis:

Leukemia

Hospital:

Comer Children's Hospital, the University of Chicago Children's Hospital

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[Co](#)

Welcome to CarePages!

Support & Community for Everyone Coping with Illness



"Sometimes you have to believe
beyond the doctors."
- Chris, Nesya's mom

[Jeffreys
Family](#)

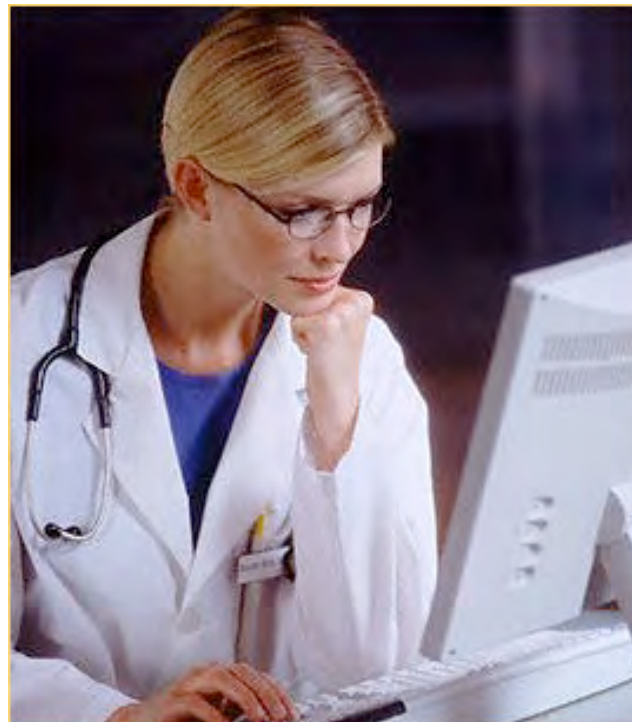
[James
Family](#)

[Weinberg
Family](#)

[Share Your Story](#)

Clinical Data

Tools for analysis, visualization, management and communication



Business Operation

Online Medical Record

Disaster Management

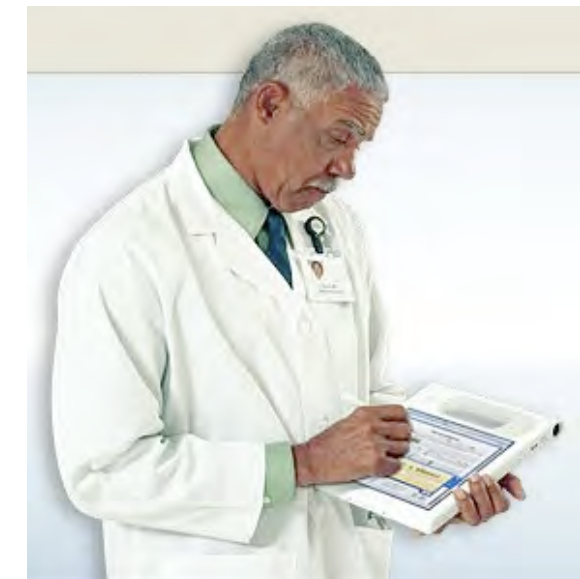
Network Redundancy

Back-up and up-to-date records



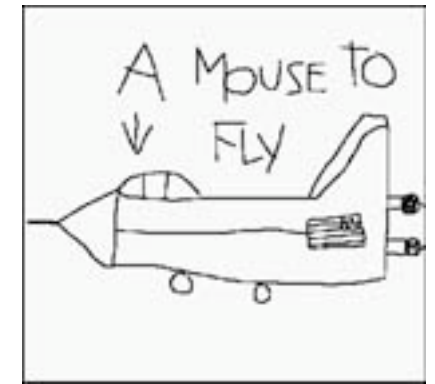
Home Care & Mobile Computing

Tele-Medicine
Virtual Office
Communication



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Healthcare IT Challenges and Opportunities



Thanks...

Amy Goetze
Director of Operations
Information Services and Technology
Children's Healthcare of Atlanta



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